351 417 The enclosure (ingo) around the majority of the kraals both in Urundi and Ruanda is not only intended as a means of protection against human or animal intruders, but it also serves to enclose the family, especially the small children, and to keep the cattle penned in at night (Plate 20a, 21b). If the inhabitants have no cattle, they usually have no fences around their huts. This is the case, for example, in some mountain regions of northwest Urundi and in a few districts of western central Urundi. Wherever fences do exist, they are higher than a man so that one cannot see over them. Depending on what material is available, they consist of dry trunks of banana trees, sorghum stalks, papyrus-shafts, or the dry branches of the Acanthus arboreus, roughly but firmly tied together, or they are formed by closely planted living dracaena, fig trees, or euphorbias. I never saw stones piled up so as to make a wall, although there are enough blocks of stone there to serve this purpose. The entrance to the kraal, which is flanked by two strong poles, is blocked at night by trunks placed across it. [24]

The kraals of the Batussi are in most cases more carefully and firmly enclosed than those of the Bahutu. In some areas settled predominantly by Batussi, for example, in the extensive highland pasture areas on the eastern slope of the peripheral mountains of Tanganyika on the upper Muwarasi, "each house is a small fortress with three concentric defenses. Within the protective wall (probably made of piled earth, there is a plaited cane fence, behind this one of euphorbias, and finally one made of thorns" (No. 8, p. 73).

351 ●248 [287] Even when the hedge does not consist of fig trees planted close to one another, there are almost always a number of fig trees around the kraal, this being more often the case here than in Ruanda. These trees provide not only shade for the kraal, but also bark which is used in a variety of ways, in particular for making clothes (Plate 18a, 21a). As in Ruanda, such circular groups of fig trees enable one to note the sites of former kraals, particularly those of chiefs, many years after the huts have

351 disappeared. Yet, I did not find any trees at all at the resi-
[248] dence of the great chief Kilima (see pp. 162, 188 [these pages not translated]) in northwest Urundi. Four large round kraals are situated there on an open round mountain top at an altitude of 2,150 meters, affording a wonderful view of the neighboring deep valleys and long mountain chains. Each kraal is surrounded
[417] by a thick bamboo palisade, twice as high as a man, enclosing six to eight spacious round huts. There is no tree, green fence pole, or even a banana leaf anywhere near it. The entire complex stands on the commanding steep mountain top, like a fort built for defense.

361 In other parts of the border districts adjoining Ruanda, the houses are sometimes crowded together into whole villages surrounded by strong protective fences. Indeed, Captain Bethe even found "a large city of natives, a compact community living together" (Deutsches Kolonialblatt [German Colonial Journal, 1899, p. 9) in Iwusome on Lake Rugwero in northeastern Urundi. However, these are exceptions to the general practice of living in individual kraals and occur only in a few exposed border regions.

354 The fireplace (isiko) is usually in the main center room of the hut. I intentionally do not use the word "hearth," for usually it consists of a few stones which may be pushed together on a round platform of pounded clay in such a way that a fire may be built in the center and a cooking pot placed on top. Sometimes also, the fire is placed on a thick round plate of fired clay in the same manner as in Ruanda; its periphery is raised in the form of a roll to prevent the fire from being scattered.

372 When the embers cease to glow, which is very seldom, fire is obtained from one's neighbor. On long travels, however, fire is made in the well-known manner of the Bantu, when wood is available, by twirling a hard piece of wood on a soft one; otherwise, a glowing piece of coal is tied up in a bundle of slightly wet grass and carried along. In this manner they carry embers with them on journeys lasting several days.

Yet since firewood is often very scarce in a country almost destitute of trees and bushes, cakes of cattle dung dried in the sun are used for fuel or, wherever there are no cattle or only a few, papyrus or reed rootstocks are collected in the swampy valleys.

287 about this: "The Wanjoro (in the highland of southern Unjoro)
386 produce the same clothes of barkcloth as the Waganda [Ganda], dyeing them black by putting them for a day into the mud of a swamp." (No. 9, p. 377.)

291 There is no difference between the dress of the Batussi and the Bahutu, nor is there a special costume reserved for certain classes or professions. The Mutwa and the Muhutu, the Mutussi and the Muganwa, the great chief and the king: all dress in the same unattractive blackish-gray impusu of tree bark. Another feature common to them all is that they take off the long upper garment inside the huts and when working in the fields because it is a hindrance.

287 The material is made from the barks of several fig species
248 (Urostigma), mainly the Ficus chlamydodora Warb. or the Ficus Schimperi Hochst., in the same manner as in those areas of Ruanda where garments of barkcloth are still worn. Since more barkcloth is used in Urundi than in Ruanda where cotton cloth is already much in use, more fig trees are planted near the huts in Urundi than in Ruanda; often they look like a village orchard near the houses. For this reason alone the scenery of Urundi gives the impression of being more friendly and varied than Ruanda which is grassy for the most part. Almost every cluster of huts lies in the shade of a little fresh green fig grove. The fence surrounding the homesteads also consists partly of fig trees which form natural fence posts, giving firm support to the latticework of the fence. According to van der Burgt, the Ficus chlamydodora was introduced into Urundi only about 60 years ago and at present occurs only where it is cultivated. However, I believe I have seen it growing wild in the peripheral mountains of the northwest.

287 Once the tree has grown until the trunk is about the thickness of an arm, its bark is removed for the first time. For this purpose two horizontal incisions are made around the trunk from half a meter to one meter apart. Both incisions are connected by a vertical incision, and a long rectangular piece of bark is then loosened from the tree without difficulty. The exposed area of the trunk is then rubbed with butter, and banana leaves are tied around it. Then, from the cut edges, the bark completely

244 cucumber. They are eaten as a vegetable. Gourds with
[415] variously-shaped fruits are cultivated mainly for use as vessels.

The oil palm (ingasi), which occurs in Urundi only in
314 the interlacustrine area, is not really a plant cultivated by the
[177] Barundi but a wild tree which has been introduced from West Africa. The Barundi use its fruit. The oil palm forest of Mtara is approximately 12 kilometers north of Usumbura. It covers about 800 hectares with 400,000 to 500,000 oil palms (Elaeis guineensis). Closer to Usumbura there is a forest of 200,000 to 220,000 palms, and farther south of Usumbura, stretching to the vicinity of Ujiji, there are other stocks of trees with 300,000 to 400,000 palms. The systematic cultivation of oil
[177] palms was first introduced to the Tanganyika area by the Europeans, but at the present time the forests are exploited neither by Europeans nor by the natives because they are the chief breeding site of the fly that transmits sleeping sickness. For this reason the forests are avoided as much as possible. The
[248] only tree incorporated into their hoe-culture, which is inimical to the cultivation of trees, is the fig from whose bark cloth can be made (see above, pp. 24, 31). This tree is really planted and cared for. The oil palm, however, is only seldom planted by the natives. After dropping from the trees, the nuts thrive easily in the moist soil where oil palm forests usually grow. The majority of the young trees are either pulled up or cut down, and only a few are left standing to replace old dead trees. After cutting down the ripe fruits of the oil palm, they are first scalded in boiling water and then pounded in a mortar until the whole outer layer of flesh containing the oil is detached. The pounded pap is squeezed out by hand into a wooden tub filled with water so that the oil will float on the surface. From there it is scooped
[439] into an earthen pot. It is marketed in smaller pots. Most of it is sold in Ujiji and in the Congo district (Uvira). The Barundi use
[252] the little oil that is left as an ingredient in some of their dishes or
[278] for frying fish, partly also as a skin lotion and as a medicine for the wounds caused by sand fleas (No. 19, p. 291 and 411).
000 Originally the Barundi were not familiar with the use of palm oil